



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5155-043
Job Sheet 191829



pls weld
250P needs 2nd size

Part No: D5155-043

Job Qty: 2 pcs

Part Name: Co-Pilot Collective Head Assembly (212/412)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 3/11/19

Job Tracking No:

Due Date: 3/22/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV B IPP REV:A 15.05.07 NEW ISSUE DD VERF:JLM IPP REV:B 15.07.02 AS PER DWG REV:B DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Large Fab - Welded Assy-1	2 pcs	3/22/19		0.00	0.81	Large Fab - 1		<i>CL</i>
							Large Fab - 10		
							Large Fab - 2		
							Large Fab - 3		
							Large Fab - 4		
							Large Fab - 5		
							Large Fab - 6		
							Large Fab - 7		
							Large Fab - 8		
							Large Fab - 9		
120	QC 9	2 pcs	3/22/19		0.00	0.00	QC 9 - 10		DAS 43 9-89
							QC 9 - 18		
							QC 9 - 24		
							QC 9 - 43		
							QC 9 - 50		
							QC 9 - 9		
							QC 5 - 10		
130	QC 5	2 pcs	3/22/19		0.00	0.00	QC 5 - 12		DAS 43 9-89
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 42		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		DAS 43 9-89
							QC 5 - 58		
							QC 5 - 68		



Dart Aerospace Ltd.
1270 Aberdeen Street
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CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S162095



Part: D5155-043

Job No: 191829

Serial No/Batch: S162095

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 03/13/19

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				QC 5 - 9	
				QC 5 - 50	
				QC 5 - 30	
				QC 5 - 40	
140	Outsource - 4 - Anodize	2 pcs	3/22/19	ATG001-VC	10
150	Packaging 2-1 - Receive - B4B	2 pcs	3/22/19	0.00 0.00	Packaging 2 - 1 - B4B
					Packaging 2 - 2 - B4B
					Packaging 2 - 3 - B4B
					Packaging 2 - 5 - B4B
					Packaging 2 - 4 - B4B
					Packaging 2 - 6 - B4B
					Packaging 2 - 7 - B4B
					Packaging 2 - 8 - B4B
					Packaging 2 - 9 - B4B
					Packaging 2 - 10 - B4B
					Packaging 2 - 11 - B4B
					Packaging 2 - 12 - B4B
					Packaging 2 - 13 - B4B
					Packaging 2 - 14 - B4B
					Packaging 2 - 15 - B4B
					Packaging 2 - 16 - B4B
					Packaging 2 - 17 - B4B
					Packaging 2 - 18 - B4B
					Packaging 2 - 19 - B4B
					Packaging 2 - 20 - B4B
					Packaging 2 - 21 - B4B
					Packaging 2 - 22 - B4B
					Packaging 2 - 23 - B4B
					Packaging 2 - 24 - B4B
					Packaging 2 - 25 - B4B
					Packaging 2 - 26 - B4B
					Packaging 2 - 27 - B4B
					Packaging 2 - 28 - B4B
					Packaging 2 - 29 - B4B
					Packaging 2 - 30 - B4B
					Packaging 2 - 31 - B4B
					Packaging 2 - 32 - B4B
					Packaging 2 - 33 - B4B
					Packaging 2 - 34 - B4B
					Packaging 2 - 35 - B4B
					Packaging 2 - 36 - B4B
160	QC 6	2 pcs	3/22/19	0.00 0.00	QC 6 - 42
					QC 6 - 9
					QC 6 - 68
					QC 6 - 61
170	Small Fab - 2 - B4B	2 pcs	3/22/19	0.00 2.08	Small Fab - 1 - B4B
					Small Fab - 2 - B4B
					Small Fab - 3 - B4B
					Small Fab - 4 - B4B
					Small Fab - 5 - B4B
					Small Fab - 6 - B4B
					Small Fab - 7 - B4B
180	QC 5	2 pcs	3/22/19	0.00 0.00	QC 5 - 10
					QC 5 - 12
					QC 5 - 17
					QC 5 - 18
					QC 5 - 19
					QC 5 - 22
					QC 5 - 24

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				QC 5 - 3	
				QC 5 - 42	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	DAS MAR 27 2019 68
				QC 5 - 9	9-89
				QC 5 - 50	
				QC 5 - 30	
				QC 5 - 40	
190	Packaging 3-1 - Stock - B4B	2 pcs	3/22/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
					Packaging 3 - 21 - B4B
					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B
					Packaging 3 - 27 - B4B
					Packaging 3 - 28 - B4B
					Packaging 3 - 29 - B4B
					Packaging 3 - 30 - B4B
					Packaging 3 - 31 - B4B
					Packaging 3 - 32 - B4B
					Packaging 3 - 33 - B4B
					Packaging 3 - 34 - B4B
					Packaging 3 - 35 - B4B
					Packaging 3 - 36 - B4B
200	QC 21 - SA	2 pcs	3/22/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53
Part Op 110 - Weld per dwg A/R Aluminum rod Batch: 134785 Descriptions: 120 - QC9- Inspect visual per QSI004- Fusion Welds 130 - QC5- Inspect part completeness to step on W/O 140 - Anodize Black as per Dwg D5155 Rev. B 150 - Receive & Inspect for Damage & Mat'l Certs 160 - QC6- All purchased or subcontracted products 170 - Small Fab 180 - QC5- Inspect part completeness to step on W/O 190 - Identify as per dwg & Stock Location: _____ 200 - QC21- Final Inspection - Work Order Release					

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D4410-7	Conduit	2 pcs (1 ea)	110-Large Fab - Welded Assy-1	
D5155-3	Co-Pilot Collective Head (212)	2 pcs (1 ea)	110-Large Fab - Welded Assy-1	
90296A108	Heli-Coil Insert	22 Ea (11 ea)	170-Small Fab - 2 - B4B	
D5155-11	Co-Pilot Collective Head (212)	2 pcs (1 ea)	170-Small Fab - 2 - B4B	
D5156-11	Back Plate	2 pcs (1 ea)	170-Small Fab - 2 - B4B	
MS16562-223	Spring Pin	4 Ea (2 ea)	170-Small Fab - 2 - B4B	
MS24693-24B	Screw	14 pcs (7 ea)	170-Small Fab - 2 - B4B	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Large Fab - Welded Assy-1	D4410-7	2	2	0
	D5155-3	2	2	0
170-Small Fab - 2 - B4B	90296A108	22	122	0
	D5155-11	2	2	0
	D5156-11	2	18	0
	MS16562-223	4	19	0
	MS24693-24B	14	114	0

Part Specifications

Specifications could not be found.

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor		
			QC / QA Coordinator		
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
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PURCHASE ORDER

PO042883



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042883
PO Date: 3/14/19
Due Date: 3/20/19
Purchase Order Revision:
Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pynt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	190859	RB23003267-3B	Block -Issue P/O; -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	3/20/19	8 pcs	0 pcs	8 pcs	\$2.90/pcs	\$23.20

8 X MAR 20 2019

Line Item Note ** NEED BACK ASAP **

2	190861	RB23003267-5B	Block -Issue P/O; -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	3/20/19	8 pcs	0 pcs	8 pcs	\$2.90/pcs	\$23.20
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Line Item Note ** NEED BACK ASAP **



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Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	190863	RB23003267-7B	Block -Issue P/O; -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	3/20/19	8 pcs	0 pcs	8 pcs	\$2.90/pcs	\$23.20

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Line Item Note ** NEED BACK ASAP **

4	190865	RB23003267-9B	Block -Issue P/O; -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	3/20/19	8 pcs	0 pcs	8 pcs	\$2.90/pcs	\$23.20
5	190857	RB23003267-11B	Block -Issue P/O; -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	3/20/19	8 pcs	0 pcs	8 pcs	\$2.90/pcs	\$23.20

8X MAR 20 2019

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Line Item Note ** NEED BACK ASAP **



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Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	189137	RB23007615-3	#56 Drill Bit Outsource process- Anodize per QSI017 4.1.10.1) - Issue P/O to ATG; PO -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	-	3/20/19	10 pcs	0 pcs	10 pcs	\$2.90/pcs	\$29.00
Line Item Note ** NEED BACK ASAP **											
7	189138	RB23007615-5	#52 Drill Bit Outsource process- Anodize per QSI017 4.1.10.1 - Issue P/O to ATG; PO -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	-	3/20/19	12 pcs	0 pcs	12 pcs	\$2.90/pcs	\$34.80
Line Item Note ** NEED BACK ASAP **											
8	189134	RB23007615-11	#12 Drill Bit Outsource process- Anodize per QSI017 4.1.10.1 - Issue P/O to ATG; PO -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	-	3/20/19	10 pcs	0 pcs	10 pcs	\$2.90/pcs	\$29.00
Line Item Note ** NEED BACK ASAP **											
9	190715	646.3411	RH Wiper Deflector Issue P/O to ATG : 1- Hard Anodize, Color Black and Prime as per Dwg 646.3400	Firmed	-	3/20/19	12 pcs	0 pcs	12 pcs	\$11.92/pcs	\$143.04
Line Item Note ** NEED BACK ASAP **											

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PURCHASE ORDER

PO042883



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
10	187912	649.5112	RH Wiper Deflector Issue P/O to ATG : AS PER DWG 649.5100 1- Black Anodize 2- PRIME, SEE NOTE #2 Certification of Conformity is required	Firmed	-	3/20/19	4 pcs	0 pcs	4 pcs	\$17.52/pcs	\$70.08
Line Item Note ** NEED BACK ASAP **											
11	191829	D5155-043	Co-Pilot Collective Head Assembly (212/412) : Various STC's Anodize Black as per Dwg D5155 Rev. B	Firmed	-	3/20/19	2 pcs	0 pcs	2 pcs	\$2.90/pcs	\$5.80
Line Item Note ** NEED BACK ASAP **											
12	190714	646.3410	LH Wiper Deflector Issue P/O to ATG : 1- Hard Anodize, Color Black and Prime as per Dwg 646.3400	Firmed	-	3/20/19	12 pcs	0 pcs	12 pcs	\$11.92/pcs	\$143.04
Line Item Note ** NEED BACK ASAP **											
Grand Total:										\$570.76	

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

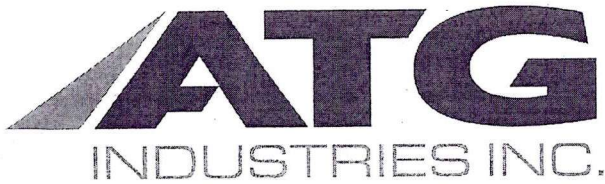
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917489

Date: 19-Mar-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
10 each	Part: RB23007615-3 #56 Drill Bit Anodize per MIL-A-8625F, Type II, Class 2, Black, Water Seal .0004-.0010" (.4 - 1 mils). Job: 24805		Rev: B PO: PO042883 Line:
8 each	Part: RB23003267-3B Block Anodize per MIL-A-8625F, Type II, Class 2, Black, Water Sealant .0004-.0010" (.4 - 1 mils). Job: 24800		Rev: PO: PO042883 Line: 1
2 ea	Part: D5155-043 Co-Pilot Collective Head Assem Anodize per MIL-A-8625F, Type II, Class 2, Black, .0004-.0010" (.4 - 1 mils). Job: 24810		Rev: B PO: PO042883 Line: 11
8 each	Part: RB23003267-5B Block Anodize per MIL-A-8625F, Type II, Class 2, Black, Water Sealant .0004-.0010" (.4 - 1 mils). Job: 24801		Rev: PO: PO042883 Line: 2
8 each	Part: RB23003267-7B Block Anodize per MIL-A-8625F, Type II, Class 2, Black, Water Sealant .0004-.0010" (.4 - 1 mils). Job: 24802		Rev: PO: PO042883 Line: 3
8 each	Part: RB23003267-9B Block Anodize per MIL-A-8625F, Type II, Class 2, Black, Water Sealant .0004-.0010" (.4 -		Rev:
Made in Canada.			

DAS
68
9-89



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917489

Date: 19-Mar-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	1 mils). Job: 24803	PO: PO042883	Line: 4
8 each	Part: RB23003267-11B Block Anodize per MIL-A-8625F, Type II, Class 2, Black, Water Sealant .0004-.0010" (.4 - 1 mils). Job: 24804	PO: PO042883	Rev: B Line: 5
12 each	Part: RB23007615-5 #52 Drill Bit Anodize per MIL-A-8625F, Type II, Class 2, Black, Water Seal .0004-.0010" (.4 - 1 mils). Job: 24806	PO: PO042883	Rev: B Line: 7
10 each	Part: RB23007615-11 #12 Drill Bit Anodize per MIL-A-8625F, Type II, Class 2, Black, Water Seal .0004-.0010" (.4 - 1 mils). Job: 24807	PO: PO042883	Rev: B Line: 8
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>19/3/19</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. Made in Canada.			